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VICINITY MAP GRAPHIC SCALES DESIGN DATA

PLANS

ADT 2015 = N/A

ADT 2017 = N/A

DHV = NA

\* TTST = N/A

FUNC CLASS = LOCAL

D = N/A

T = N/A

V = VARIES

See Sheet 1A For Index of Sheets

PROJECT

LOCATION

N.T.S.

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

## POLK COUNTY

LOCATION: POLK COUNTY

SITE 1 – I–26 WEST AND WEST BOUND REST AREA

SITE 2 – I–26 WEST AND LOWER PARKING

STATE STATE PROJECT REFERENCE NO.

R—5794A

STATE PROJ. NO.

F. A. PROJ. NO.

DESCRIPTION

44910.3.3

TYPE OF WORK: CURB RAMPS

PROJECT LENGTH

N/A



Prepared in the Office of:	WSP USA Inc. 1001 MOREHEAD SQUARE DRIVE SUITE 610 CHARLOTTE, NC 28203 NC LIC. NO. F-0165
RIGHT OF WAY DATE:	SIERRA HAYNES, PE PROJECT ENGINEER

HYDRAULICS ENGINEER

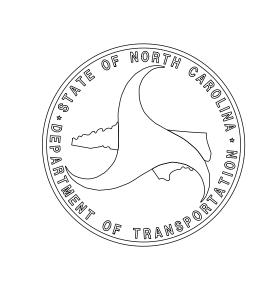
SIGNATURE:

ROADWAY DESIGN
ENGINEER

5/23/2018 6:01:22 AM PDT

DocuSigned by:

J. Sierra Hayres
SIGNATURE:
SIGN



115])	1001 MOREHEAD SQUARE DRI SUITE 610 CHARLOTTE, NC 28203 NC LIC NO E-0165
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PROJECT REFERENCE NO. SHEET NO.

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## INDEX OF SHEETS

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SHEET

1

TITLE SHEET

INDEX OF SHEETS

2C-1 - 2C-2

RAMP DETAILS

1

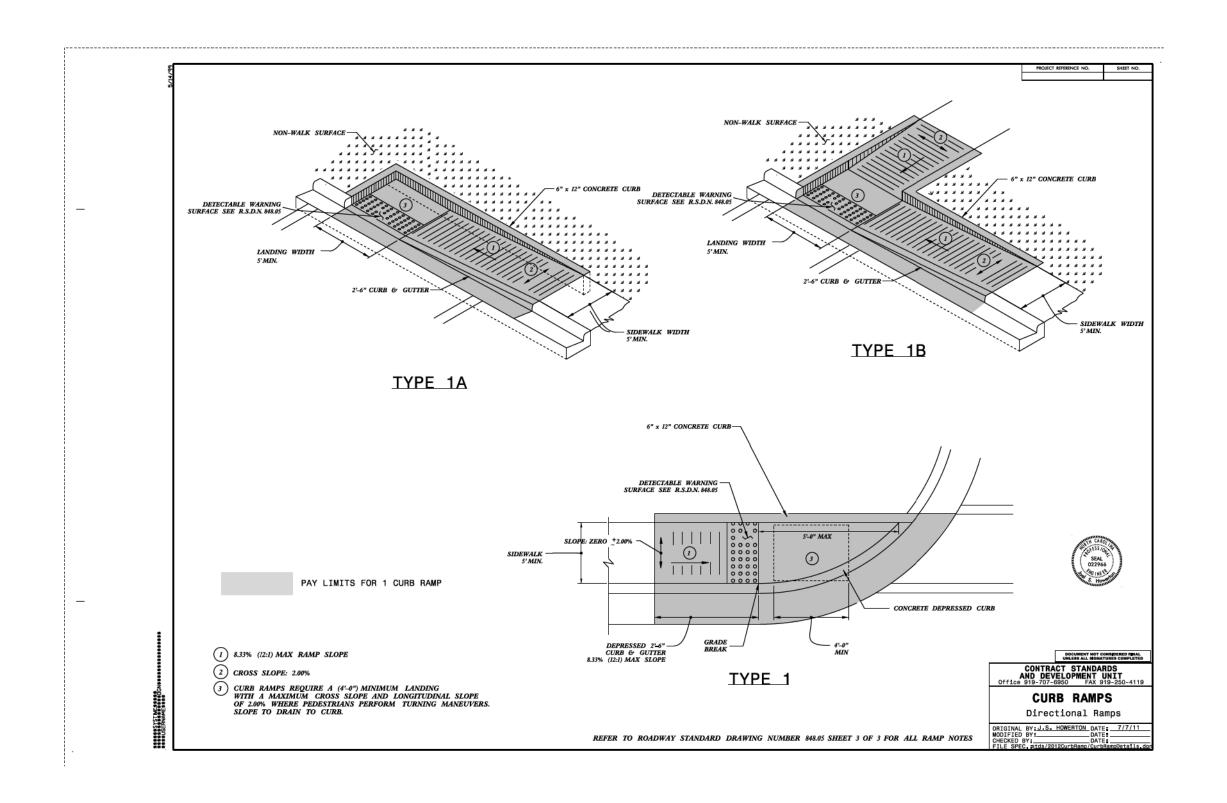
PLAN SHEETS

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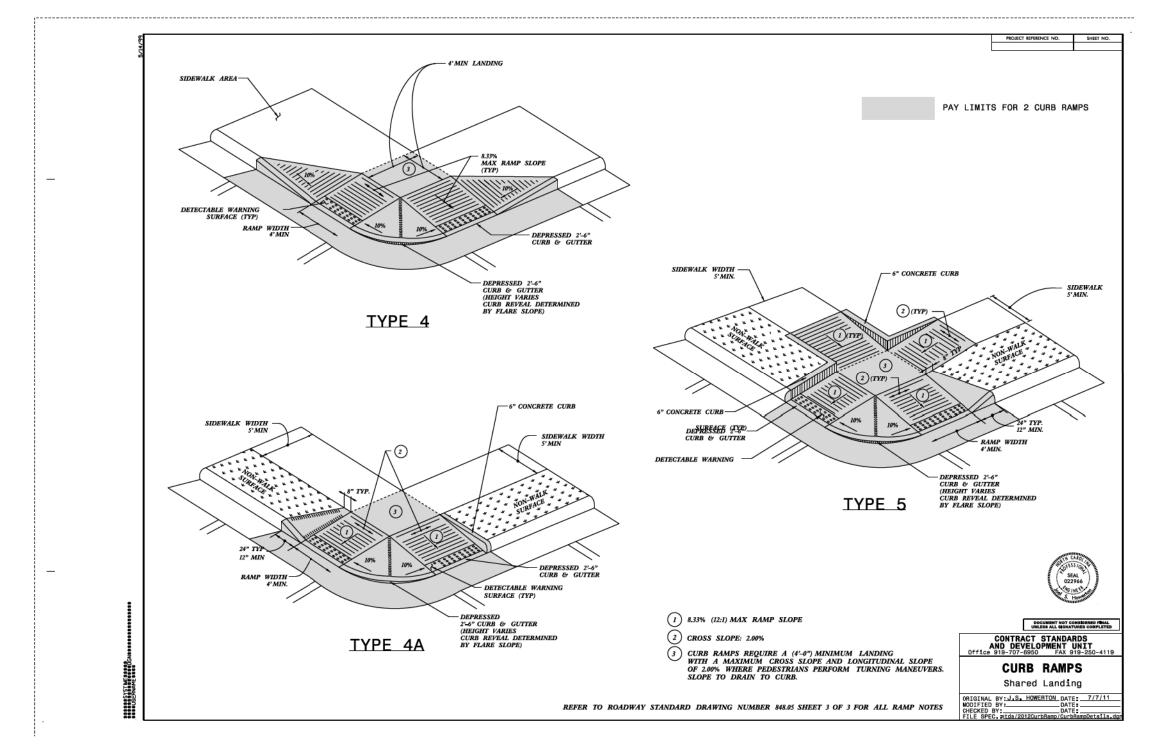
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6/1		PROJECT REFERENCE NO. SHEET NO.
_	SIDEWALK AREA  NON-WALK SURFACE  SURFACE SEE STANDARD 484.8  LANDING WIDTH  S'MIN  SURFACE SEE STANDARD 484.8  LANDING WIDTH  S'MIN  SIDEWALK WIDTH  S'MIN	PAY LIMITS FOR 1 CURB RAMP  (1) 8.33% (12:1) MAX RAMP SLOPE  (2) CROSS SLOPE: 2.00%  (3) CURB RAMPS REQUIRE A (4'-0") MINIMUM LANDING WITH A MAXIMUM CROSS SLOPE AND LONGITUDINAL SLOPE OF 2:00% WHERE PEDESTRIANS PERFORM TURNING MANEUVERS.
	TYPE 2 2-4° CURB AND GUTTER 5'MIN	OF 2.00% WHERE PEDESTRIANS PERFORM TURNING MANEUVERS. SLOPE TO DRAIN TO CURB.
	SIDEWALK WIDTH S'MIN  2-6° CURB & GUTTER	RAMP LANDING WIDTH  S'MIN  S'S ID* CONCRETE CURB  SUBSAGE  DETECTABLE WARNING SURFAGE SEE STANDARD 888.85
_	DEPRESSED— CONCRETE CURB FLUSH  DETECTABLE WARNING	6" CONCRETE CURB
**************************************	WITH ROAD SURFACE  SURFACE (SEE RSD 848.65)  FX F  MIN LANDING BEHIND BACK OF CURB	CONTRACT STANDARDS AND DEVELOPMENT UNIT Office 919-707-6950 FAX 919-250-4119  CURB RAMPS
40 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	TYPE 2A	Parallel Ramps  ORIGINAL BY: J.S. HOWERTON DATE: 7/7/11 MODIFIED BY: DATE: OHECKED BY: DATE: DATE: OHECKED BY: DATE: DAT
. ##		CHECKED BY: DATE: FILE SPEC, <u>MIda/2012CurbRamp/CurbRampDetalla.dg</u> r



NOT	ES:
4	CONG

- 1. CONSTRUCT THE RAMP SURFACE TO BE STABLE, FIRM, AND SLIP RESISTANT. CONSTRUCT THE CURB RAMP TYPE AS SHOWN IN THE PAVEMENT MARKING PLANS OR AS DIRECTED BY THE ENGINEER.
- 2. LOCATE CURB RAMPS AND PLACE PEDESTRIAN CROSSWALK MARKINGS AS SHOWN IN THE PAVEMENT MARKING PLANS. WHEN FIELD ADJUSTMENTS REQUIRE MOVING CURB RAMPS OR MARKINGS AS SHOWN, CONTACT THE SIGNING AND DELINEATION UNIT OR LOCATE AS DIRECTED BY THE ENGINEER.
- 3. COORDINATE THE CURB RAMP AND THE PEDESTRIAN CROSSWALK MARKINGS SO A 4'x4' CLEAR SPACE AT THE BASE OF THE CURB RAMP WILL FALL
- WITHIN THE PEDESTRIAN CROSSWALK LINES.
- 4. SET BACK DISTANCE FROM INSIDE CROSSWALK MARKING TO NEAREST EDGE OF TRAVEL LANE IS 4' MINIMUM.
- 5. REFER TO THE PAVEMENT MARKING PLANS FOR STOP BAR LOCATIONS AT SIGNALIZED INTERSECTIONS. IF A PAVEMENT MARKING PLAN IS NOT PROVIDED, CONTACT THE SIGNAL DESIGN SECTION FOR THE STOP BAR LOCATIONS OR LOCATE AS DIRECTED BY THE ENGINEER.
- TERMINATE PARKING A MINIMUM OF 20' BACK OF A PEDESTRIAN CROSSWALK.
- 7. CONSTRUCT CURB RAMPS A MINIMUM OF 4' WIDE.
- 8. CONSTRUCT THE RUNNING SLOPE OF THE RAMP 8.33% MAXIMUM.
- 9. ALLOWABLE CROSS SLOPE ON SIDEWALKS AND CURB RAMPS WILL BE 2% MAXIMUM.
- 10. CONSTRUCT THE SIDE FLARE SLOPE A MAXIMUM OF 10% MEASURED ALONG THE CURB LINE.
- 11. CONSTRUCT THE COUNTER SLOPE OF THE GUTTER OR STREET AT THE BASE OF THE CURB RAMP A MAXIMUM OF 5% AND MAINTAIN A SMOOTH TRANSITION.
- 12. CONSTRUCT LANDINGS FOR SIDEWALK A MINIMUM OF 4'x4' WITH A MAXIMUM SLOPE OF 2% IN ANY DIRECTION. CONSTRUCT LANDINGS FOR MEDIAN ISLANDS A MINIMUM OF 5'x5' WITH A MAXIMUM SLOPE OF 2% IN ANY DIRECTION.
- 13. TO USE A MEDIAN ISLAND AS A PEDESTRIAN REFUGE AREA, MEDIAN ISLANDS WILL BE A MINIMUM OF 6' WIDE. CONSTRUCT MEDIAN ISLANDS TO PROVIDE PASSAGE OVER OR THROUGHT THE ISLAND.
- 14. SMALL CHANNELIZATION ISLANDS THAT CAN NOT PROVIDE A 5'X5' LANDING AT THE TOP OF A RAMPS, WILL BE CUT THROUGH LEVEL WITH THE SURFACE STREET.
- 15. CURB RAMPS WITH RETURNED CURBS MAY BE USED ONLY WHERE PEDESTRIANS WOULD NOT NORMALLY WALK ACROSS THE RAMP. THE ADJACENT SURFACE IS PLANTING OR OTHER NON-WALKING SURFACE OR THE SIDE APPROACH IS SUBSTANTIALLY OBSTRUCTED.
- 16. PLACE A ½" EXPANSION JOINT WHERE THE CONCRETE CURB RAMP JOINS THE CURB AS SHOWN IN ROADWAY STANDARD DRAWING 848.01
- 17. PLACE ALL PEDESTRIAN PUSH BUTTON ACTUATORS AND CROSSING SIGNALS AS SHOWN IN THE PLANS OR AS SHOWN IN THE MUTCD.
- 18. CURB RAMPS THROUGH MEDIAN ISLANDS, SINGLE RAMPS AT DUAL CROSSWALKS OR LIMITED R/W SITUATIONS, WILL BE HANDLED BY SPECIAL DETAILS.

CONTACT THE CONTRACT STANDARDS AND DEVELOPMENT UNIT FOR THE DETAILS OR FOR A SPECIAL DESIGN.

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2C-2

RW SHEET NO.

ROADWAY DESIGN
ENGINEER

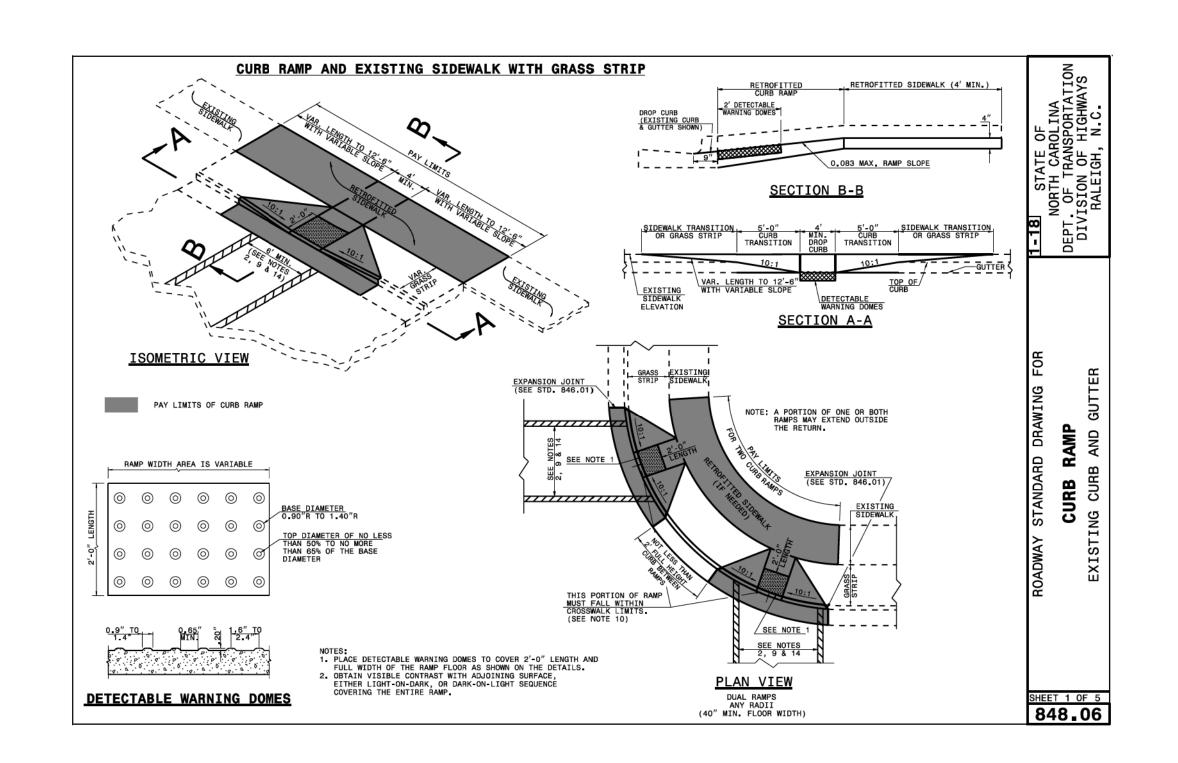
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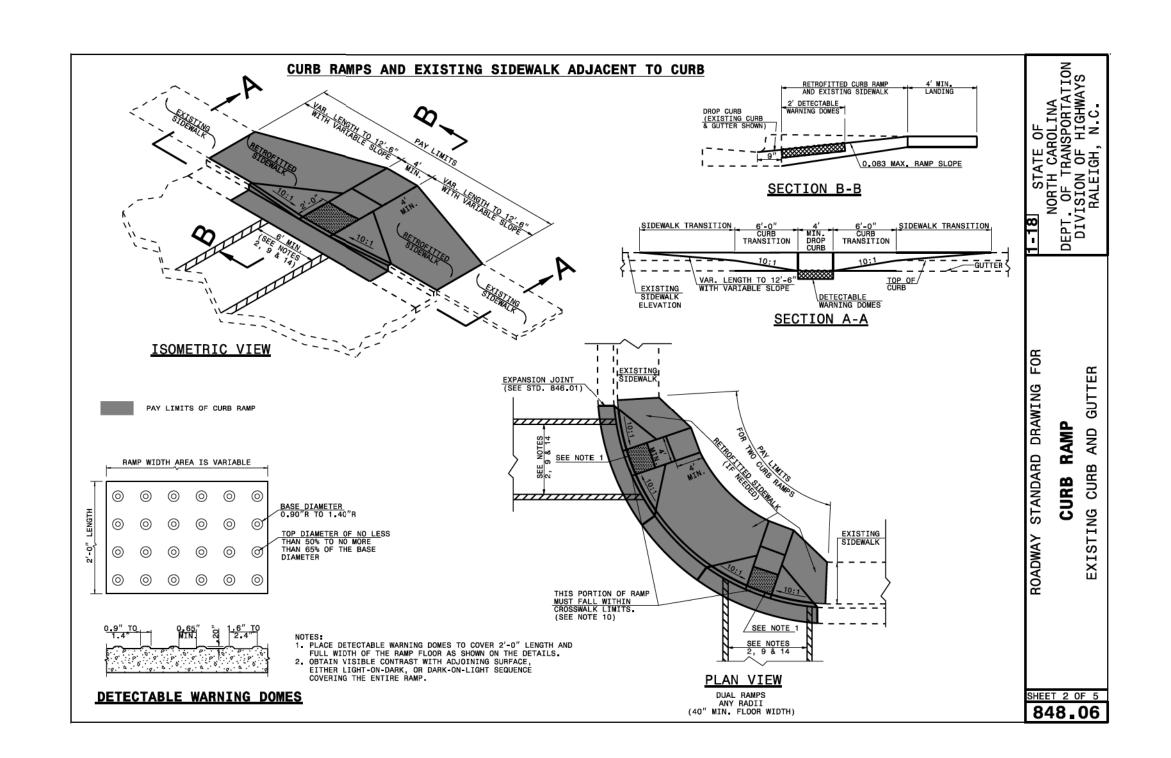
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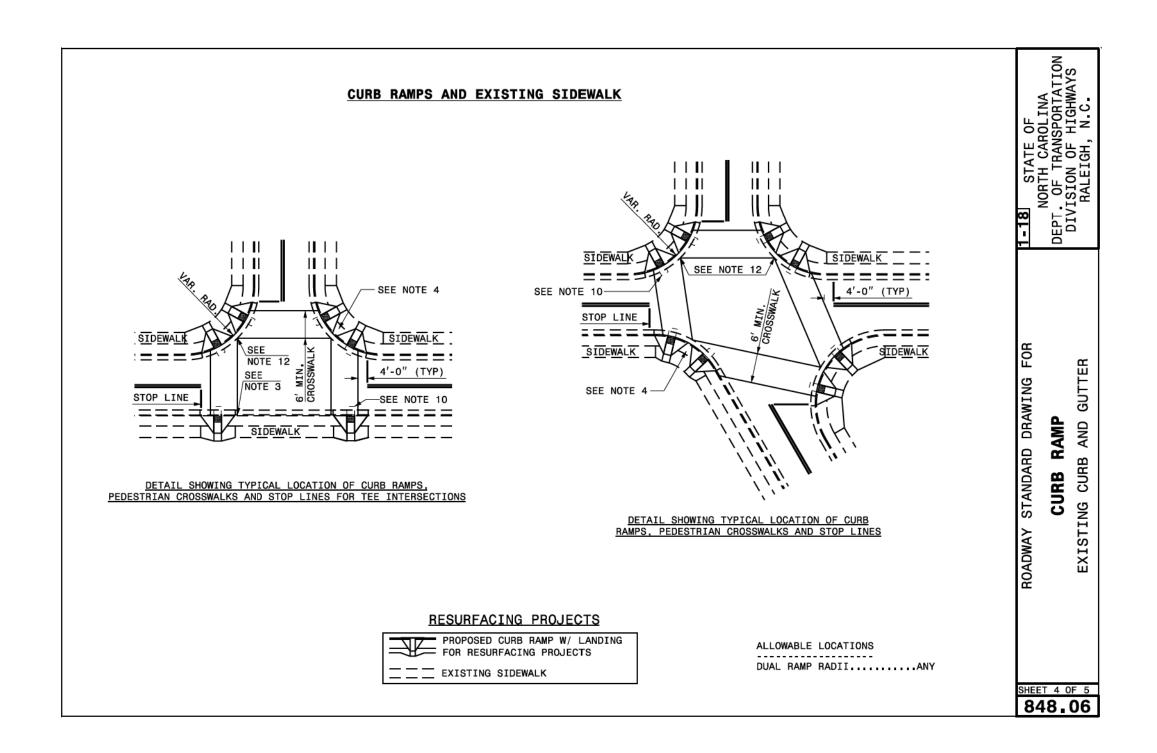
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	CURB RAMP AND EXISTING SIDEWALK	NOT
NOTE	S:	NA TAT
1.	CONSTRUCT THE RAMP SURFACE TO BE STABLE, FIRM, AND SLIP RESISTANT. CONSTRUCT THE CURB RAMP TYPE AS SHOWN IN THE PAVEMENT MARKING PLANS OR AS DIRECTED BY THE ENGINEER.	OF ROLI
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PROJECT REFERENCE NO. SHEET NO.

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RW SHEET NO.

ROADWAY DESIGN ENGINEER

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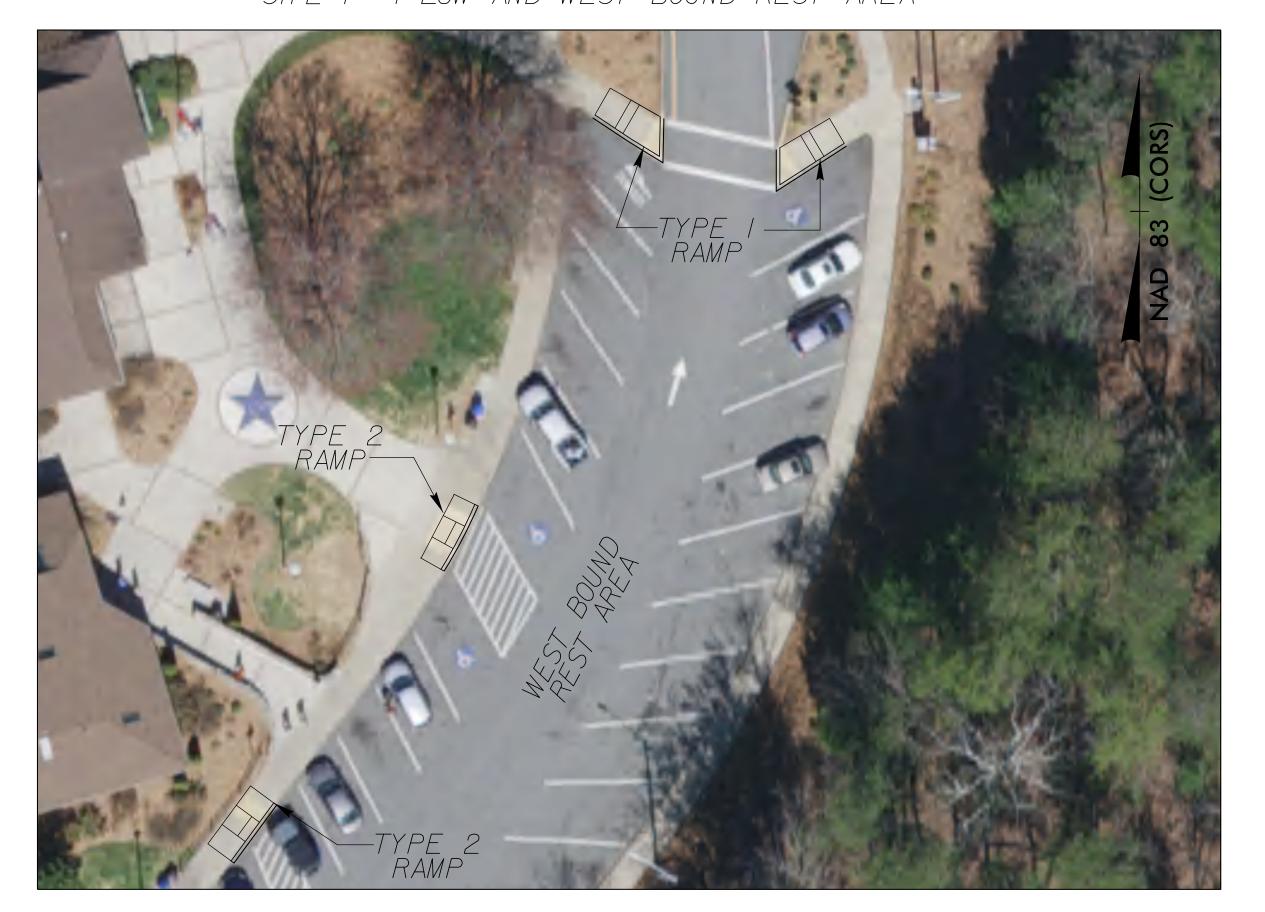
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CRAPHIC SCALE
20 10 0 20 40

## SITE 1 - 1-26W AND WEST BOUND REST AREA



SITE 2 - 1-26W AND LOWER PARKING AREA

